

FIG. 1

SAMPLE NAME	CHOLESTERIC PHASE TEMPERATURE RANGE (°C)	TEMPERATURE WIDTH (°C)	SPONTANEOUS POLARIZATION VALUE (nC/cm ²)
A	95~93	2	5
B	67~64	3	7
C	101~96	5	10
D	71~64	7	6
E	99~89	10	7
F	115~97	18	11
G	99~75	24	8

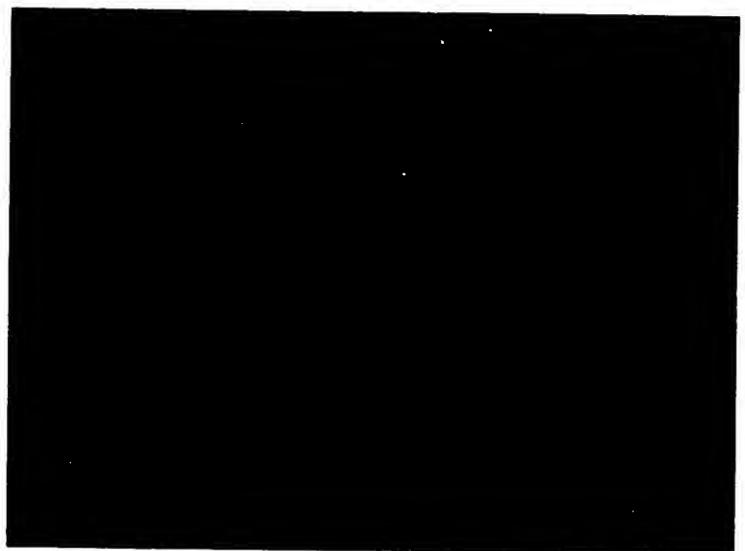
FIG. 2

CHOLESTERIC PHASE TEMPERATURE WIDTH (°C)	COOLING RATE (°C/min.)			
	1	3	5	10
2	x	x	x	x
3	o	o	x	x
5	o	o	o	x
7	o	o	o	x
10	o	o	o	o
18	o	o	o	o
24	o	o	o	o

o : GOOD ALIGNMENT

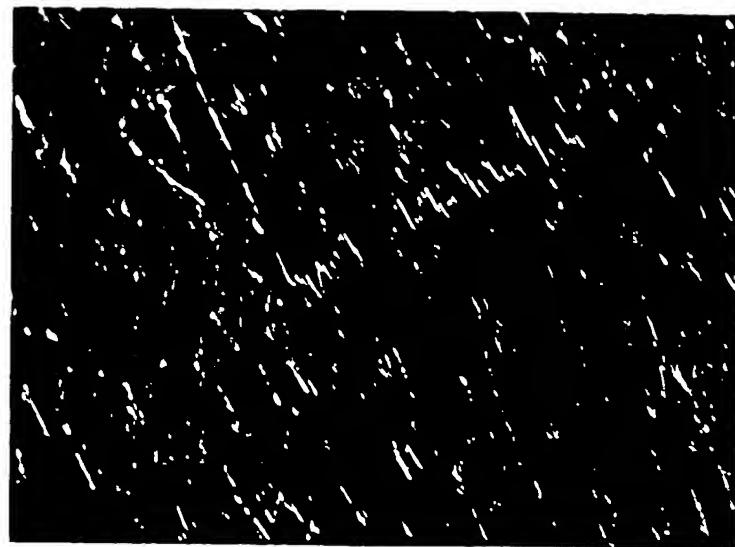
x : POOR ALIGNMENT

FIG. 3 A



150 μ m

FIG. 3 B

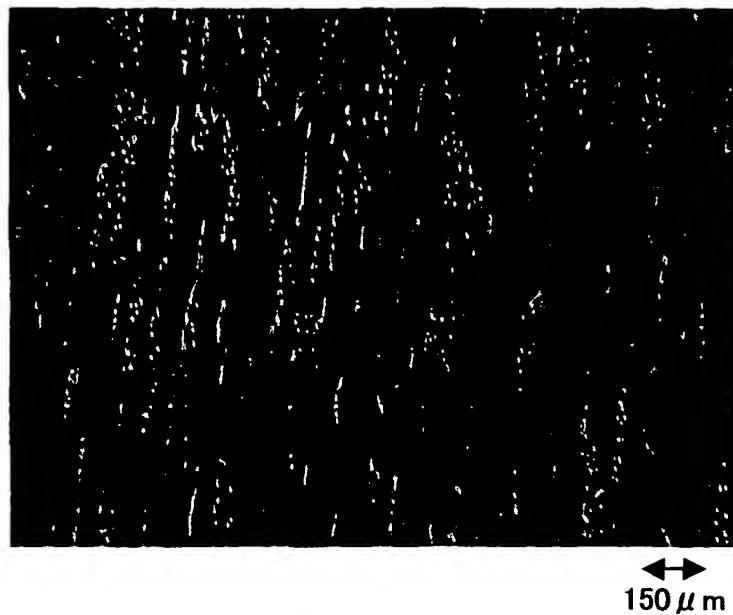


150 μ m

FIG. 4

APPLIED VOLTAGE (V)	ALIGNMENT STATE GOOD • POOR
1	POOR
2	POOR
3	GOOD
5	GOOD
10	GOOD

FIG. 5



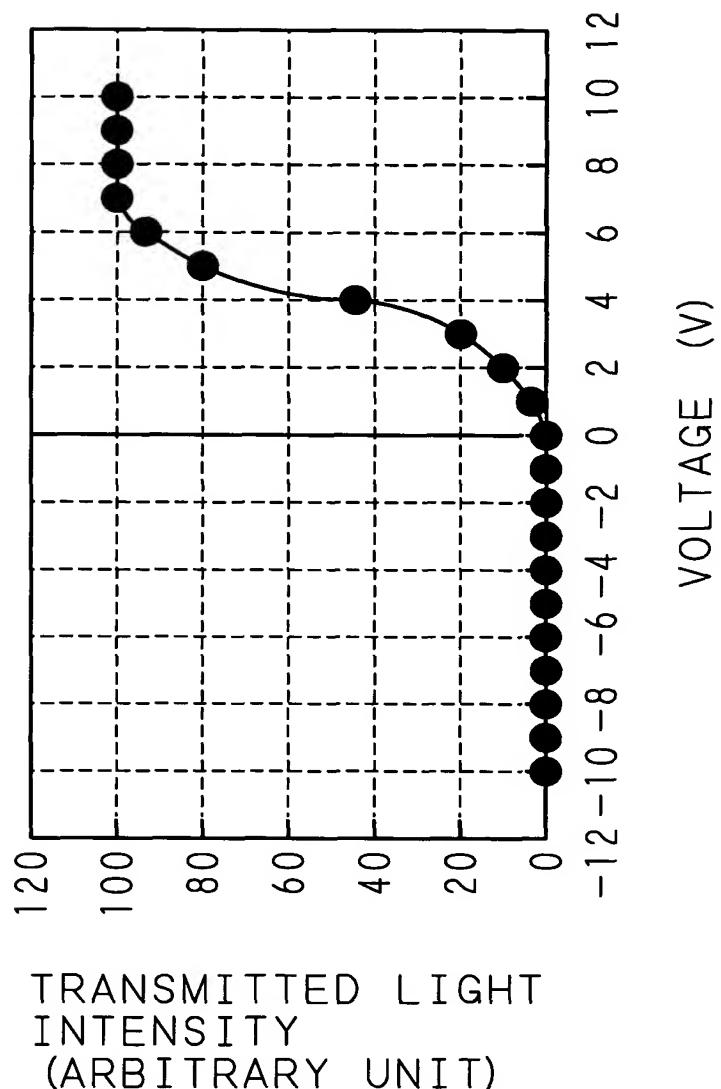


FIG. 6

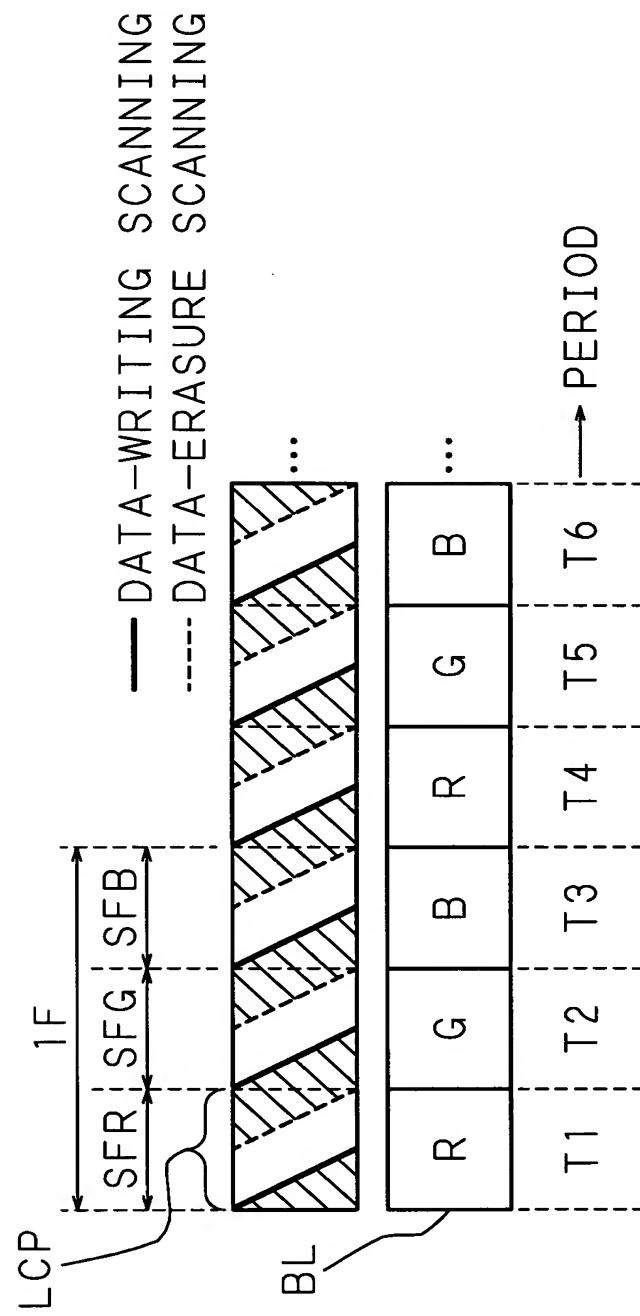


FIG. 7

FIG. 8A
 $E=0$

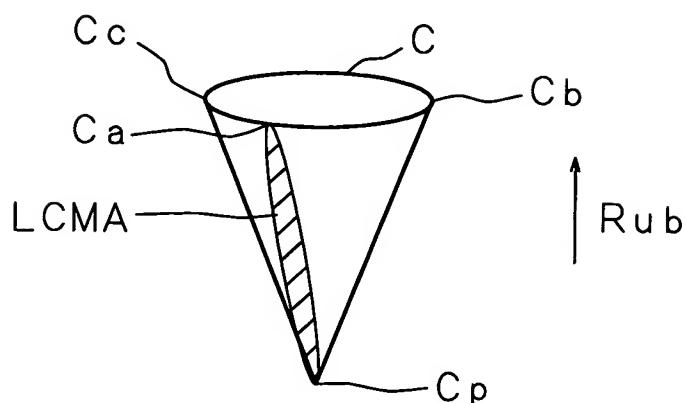


FIG. 8B
 $E>0$

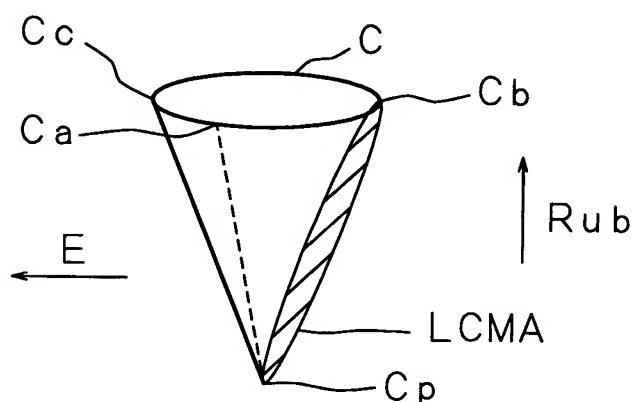


FIG. 8C
 $E<0$

